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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jae-Seung Yoon et al.

Docket: 678-726

Serial No: 09/931,129

Filed: August 16, 2001

Dated: February 4, 2002

For: **ANTENNA ARRAY APPARATUS AND
BEAMFORMING METHOD USING GPS
SIGNAL FOR BASE STATION IN MOBILE
TELECOMMUNICATION SYSTEM**

Assistant Commissioner for Patents
Initial Patent Examination's Customer Service Center
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Enclosed is the Official Filing Receipt received from the U.S. Patent and Trademark Office in the above-identified application for which issuance of a corrected Filing Receipt is respectfully requested.

There is an error with respect to the Filing Date:

"August 17, 2001" should be --August 16, 2001--.

The following documents are submitted in support of the Request for Corrected

Filing Receipt:

1. A copy of the stamped Post Office Express Mail Receipt No. EL918828596US dated August 16, 2001;
2. A copy of Utility Patent Application Transmittal with a Certification Under 37 C.F.R. §1.10 dated August 16, 2001;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope; addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on February 4, 2002.

Dated: February 4, 2002

Paul J. Farrell

3. A copy of Fee Transmittal for FY 2001 with a Certification Under 37 C.F.R. §1.10 dated August 16, 2001;
4. A copy of Utility Application Data Sheet Under 37 C.F.R. 1.76 with a Certification under 37 C.F.R. §1.10 dated August 16, 2001; and
5. Declaration of Michael J. Porco in Support of Request for Corrected Filing Receipt.

There is also an error with respect to the 1st named inventor:

"Jae-Seung Yoo" should be --Jae-Seung Yoon--.

It is Applicants' belief that these errors originated at the U.S. Patent and Trademark Office and, accordingly, no fee is believed to be required.

Respectfully submitted,



Paul J. Farrell
Registration No. 33,494
Attorney for Applicants

DILWORTH & BARRESE, LLP
333 Earle Ovington Boulevard
Uniondale, New York 11553
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PJF:cm



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Atty. Docket No. 678-726 (P9926)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. § 1.76

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jae-Seung YOO, Kyong-Joon CHUN and Byung-Jin CHUN

For: ANTENNA ARRAY APPARATUS AND BEAMFORMING METHOD
USING GPS SIGNAL FOR BASE STATION IN MOBILE
TELECOMMUNICATION SYSTEM

Enclosed are:

- [X] 27 page(s) of specification
[X] 1 page(s) of Abstract
[X] 7 page(s) of claims
[X] 10 sheets of drawings [X] formal ☐ informal
[X] _____ page(s) of Declaration and Power of Attorney

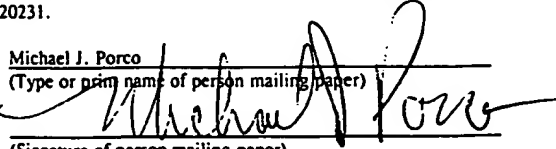
ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.

ASSIGNEE RESIDENCE: KYUNGKI-DO, KOREA

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date August 16, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL 918828596US addressed to: Attn: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Michael J. Porco
(Type or print name of person mailing paper)


(Signature of person mailing paper)

☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

_____/_____/_____
_____/_____/_____

☒ Certified copy of applications

Country

Appln. No.

Filed

KOREA

47256/2000

August 16, 2000

from which priority under Title 35 United States Code, § 119 is claimed
☐ is enclosed.

☒ will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$710.00
TOTAL CLAIMS	13	0	x 18 =	\$ 0.00
INDEPENDENT CLAIMS	8	5	x 80 =	\$ 400.00
<input type="checkbox"/> Multiple Dep. Claim	0		\$270	\$ 0.00
			TOTAL	\$ 1,110.00

☐ The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

☒ A check in the amount of \$ 1,110.00 to cover the ☒ filing fee(s) is enclosed.

☐ Charge fee to Deposit Account No. 04-1121. Order No. _____
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: August 16, 2001



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/931,129	08/17/2001	2821	1110	678-726 (P9926)	10	13	8

16

CONFIRMATION NO. 3615

Paul J. Farrell, Esq.
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333 Earle Ovington Blvd.
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FILING RECEIPT



OC000000006568875

Date Mailed: 09/18/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Jae-Seung Yoo, Residence Not Provided;
Kyong-Joon Chun, Residence Not Provided;
Byung-Jin Chun, Residence Not Provided;

Assignment For Published Patent Application

SAMSUNG ELECTRONICS CO., LTD., KYUNGKI-DO, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 47256/2000 08/16/2000

If Required, Foreign Filing License Granted 09/17/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Antenna array apparatus and beamforming method using GPS signal for base station in mobile telecommunication system

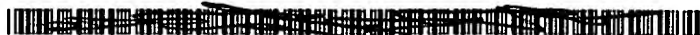
Preliminary Class

343

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